

ABSTRACT OF THE DISCLOSURE

- 5 The invention relates to apparatus for measuring color, the apparatus comprising: an acquisition system including a video camera and processing means organized to respond to the signals delivered by the camera to determine the tristimulus values of the color of the object in a reference colorimetric system by using a transfer matrix to transform the colorimetric system associated with said acquisition system into the reference colorimetric system, and to determine a correction function Γ to correct the non-linearities of said acquisition system.